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Signature

PTO/SB/21 (AW)(03-03)
Approved for use through 04/30/2003. OMB 0651-0031

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TRANSMITTAL FORM

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Total Number of Pages in This Submission 5 + 8 references

Application Number 10/085,264

Filing Date February 27, 2002 RECFIVED

First Named Inventor H. Nakamura et al.

Art Unit 2634 JAN 2 3 2004

Examiner Name Stephen Chin Technology Center 2600

Attorney Docket No. MTS-3309US

Fee Transmittal Form		ENCLOSURES (Check all that apply)
Amendment/Reply Amendment/Reply After Final After Final After Final After Final Aftidavits/Declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY OR AGENT Registration No. (Attorney/Agent) Signature Date January 16, 2004 CERTIFICATE OF TRANSMISSION / MAILING Appeal Communication to Board of Appeals and Interferences and Interferences (Appeal Notice, Brief, Reply Brief) Proprietary Information Change of Correspondence Address Status Letter Other Enclosure(s) (please identify below): return postcard PTO Form 1449 8 references SIGNATURE OF APPLICANT, ATTORNEY OR AGENT Registration No. (Attorney/Agent) Signature Date January 16, 2004 CERTIFICATE OF TRANSMISSION / MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: January 16, 2004			
Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY OR AGENT Firm or Individual Signature Date January 16, 2004 CERTIFICATE OF TRANSMISSION / MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: January 16, 2004	After Final Affidavits/Declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement	Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation, Change of Correspondence Address Terminal Disclaimer	of Appeals and Interferences Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) Proprietary Information Status Letter Other Enclosure(s) (please identify below):
Firm or Individual Signature Date January 16, 2004 CERTIFICATE OF TRANSMISSION / MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: January 16, 2004	Response to Missing Parts/ Incomplete Application Response to Missing Parts under		PTO Form 1449 8 references
Individual Signature Date January 16, 2004 CERTIFICATE OF TRANSMISSION / MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: January 16, 2004	ŞIGNATUR	E OF APPLICANT, ATTORNEY OR AC	SENT ()
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postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: January 16, 2004	CERTIF	FICATE OF TRANSMISSION / MAILING	3
	postage as first class mail in an envelope addressed to: 0	·	ria,
			January 10, 2004

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Date

January 16, 2004

PATENT

MTS-3309US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

10/085,264

Applicant: Filed:

H. Nakamura et al. February 27, 2002

Title:

ANTENNA DUPLEXER AND MOBILE COMMUNICATION

DEVICE USING THE SAME

TC/A.U.:

2634

Examiner:

Stephen Chin

Confirmation No.:

1899

Docket No.:

MTS-3309US

RECEIVED

JAN 2 3 2004

Technology Center 2800

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98 and to the duty of disclosure set forth in 37 C.F.R. § 1.56, the Examiner in charge of the above-identified application is requested to consider and make of record the references listed on the PTO 1449 (R&P) submitted herewith. A copy of each of the listed references is also enclosed.

Although the information submitted herewith may be "material" to the Examiner's consideration of the subject application, this submission is not intended to constitute an admission that such information is "prior art" as to the claimed invention.

In accordance with 37 C.F.R. § 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.

The following Japanese references are not in the English language:

- 1) 2000-059104
- 2) 2000-349580

References 1) and 2) include an English abstract and a counterpart application.

Further, References 1) and 2) were cited in a search report by a foreign Patent Office in a patent application corresponding to the above-identified patent application. A copy of this search report, which indicates the degree of relevance found by the foreign office, is transmitted herewith. MPEP Section 609 IIIA(3), second paragraph.

No first Official Action has yet been received and it is presumed that none has yet been mailed. No fee or statement is required. 37 C.F.R. § 1.97(b).). A statement, however, is provided herewith:

STATEMENT

The undersigned hereby states that each item of information disclosed in the Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

Allan Ratner, Reg. No. 19,717 Attorney for Applicants

AR/fp

Enclosures:

PTO Form 1449 (2 sheet)

Copies of (8) References

Dated:

January 16, 2004

P.O. Box 980 Valley Forge, PA 19482 (610) 407-0700

The Commissioner for Patents is hereby authorized to charge payment to Deposit Account No. **18-0350** of any fees associated with this communication.

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January 16, 2004 Mar Petrello

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 1

Complete if Known				
Application Number	10/085,264			
Filing Date	February 27, 2002	RECEIVED		
First Named Inventor	H. Nakamura et al.	JAN 2 3 2004		
Art Unit	2634			
Examiner Name	Stephen Chin	Technology Center 2600		
Attorney Docket No.	MTS-3309US			

Since of			. U.S. PATENT D	OCUMENTS			
		Document Number			Pages, Columns, Lines, Where		
Examiner Initials*	Cite No.1	Number - Kind Code ^{2 (If known)}	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear		
		US 6,307,448 B1 (with counterpart JP 2000-059104)	10/23/01	Atokawa et al.	Entire document.		
		US 6,414,566 B1 (with counterpart JP 2000-349580)	07/02/02	Atokawa et al.	Entire document.		

A STATE OF THE STA		Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Examiner Initials*	Cite No.1	Country Code ³ - Number ⁴ - Kind Code ^{5 (If known)}	Publication Date (MM-DD-YYYY)	Applicant of Cited Document	Passages or Relevant Figures Appear	Т6
·-		EP 0 865 095 A	09/16/98	MATSUSHITA ELEC IND CO LTD	See search report.	
		EP 1 035 648 A	09/13/00	MATSUSHITA ELEC IND CO LTD	See search report.	
		EP 0 993 063 A	04/12/00	MURATA MANUFACTURING CO.	See search report.	
		JP 2000-059104 A (with counterpart US 6,307,448)	02/25/00	MURATA MFG CO LTD	See search report.	
		JP 2000-349580 (with counterpart US 6,414,566)	12/15/00	MURATA MFG CO LTD	See search report.	
		EP 1 014 592 A	6/28/00	HITACHI MEDIA ELECTRON KK	See search report.	

Examiner	ate		
Signature	onsidered	_	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

¹Applicant's unique citation designation number (optional).

²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

See kind codes of OSPIO Patent Documents at www.uspto.ugv of PPPP 901-041.

Senter Office that issued the document, by the two-letter code (WIPO Standard St.3).

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

Applicant is to place a check mark here if English language translation is attached.

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PTO/SB/08B (AW 4/25/03) (04-03)
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Substitute for Form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Application Number	To Be Assigned	
	Filing Date	Herewith	
	First Named Inventor	Masahiro Hiraka et al.	
	Art Unit	To Be Assigned	
	Examiner Name	To Be Assigned	
SHEET 2 of 2	Attorney Docket No.	MAT-8454US	

SHEET 2 of 2

	ing set of	NON-PATENT LITERATURE DOCUMENTS	2 **
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²
		European Search Report for EP 02 00 4443, dated October 23, 2003.	
		RECEIVED	
		JAN 2 3 2004	
		Technology Center 2600	
		10011110109)	

Examiner		Date	

Signature		Considered		
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¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language translation is attached.

^{&#}x27;Applicant is to place a check mark here if English language translation is attached.

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